

# Eric Wenocur

17413 Monitor Drive Olney, MD 20832  
301-438-8270 eric@lab-tech-systems.com

## Curriculum Vitae

---

### Professional Activities

#### Owner/Principal, Lab Tech Systems

Consulting engineer for broadcast, television production and professional audio industries. Primary focus is video and audio system design, plus installation, troubleshooting and maintenance. LTS has been in existence since 1980, and became my sole occupation in 1993.

Please see the "LTS Selected Clients" document (and lab-tech-systems.com) for details about specific projects and involvement.

#### Staff Engineer / Chief Engineer

KLM Video, Inc. Bethesda, MD 1984 to 1993

Engineer for video and film post-production facility. Responsibilities included system design and troubleshooting; video and audio equipment maintenance (hardware and software, to component level); equipment installation, modification and design. Oversaw Engineering department staff, quality control and parts inventory. Participated in staff training by preparing instructional materials and conducting seminars on equipment theory and operation.

#### Studio Tech and Recording Engineer

Roar Productions, Inc. Columbia, MD 1980 to 1995

Staff technician and recording engineer for commercial multitrack audio facility. Designed and supervised construction of an 8/16-track studio in 1982 and a 24-track studio, featuring a modified LEDE control room, in 1990. Responsibilities included all facets of studio design and maintenance, as well as session engineering. Taught courses in "Critical Listening," "Mixing Console Operation" and "Studio Maintenance" for Roar's School of Recording Technology.

#### Professional Musician/Independent Producer

Performed on piano and keyboards with jazz and commercial groups. Led jazz trio for 3 years in early 1980s (recipients of 1980 *Downbeat* magazine Student Recording Award). Wrote, arranged, produced and performed on recording projects including jingles and commercial music sessions.

**AES Convention, 2013** -- Presentation on Technical Management

**Winter Olympic Games, Nagano, 1998** -- Support engineer, CBS facility at Int'l Broadcast Center

**University of Guam, 1997** -- Workshop on Video Maintenance Basics for U.S. Dept. of Interior

**NAB Convention, 1990, 1991** -- *Video Systems* magazine "Pick-Hits of NAB" committee

**AES Convention, 1989** -- Workshop: "Video Sweetening Basics for Audio Engineers"

**Other presentations and workshops** on TV Tech Basics, Technical Management and related topics for AMIA, BICSI, TIVA, GVExpo, etc.

**Member: AES, SMPTE (SMPTE DC Section Manager and Program Chair since 2007)**

## Articles Published

“Analog Audio Interfacing,” *AV Technology*, November 2013

“Why Aren't My Picture and Sound in Sync? The Coming Crisis in Technical Knowledge,” *The Spectator* (University of Southern California Journal of Film and Television Criticism), January 2004

“Systems Design Showcase: Non-linear HD Editing,” *Broadcast Engineering*, January 2003

“Power & Grounding: Unconventional Approaches,” *Broadcast Engineering*, September 1996

“Ins and Outs of Patchbays,” *MIX*, August 1994

“SC/H Phase and Color-Framing,” *Broadcast Engineering*, November 1992

“1992 National Audio Test,” *Recording Engineer/Producer*, July 1992 (editor/writer)

“Modern Deals,” *Recording Engineer/Producer*, May 1992 (article on record industry)

“Studio Handbook (Timecode/Video Tips),” *Recording Engineer/Producer*, October 1991

“Interfacing Audio to VTRs,” *Recording Engineer/Producer*, October 1990

“Video Sweetening Basics for Audio Engineers,” *MIX*, April 1989

## Professional Statement

My work experience and other interests have given me a broad knowledge of subjects relating to media technology. Examples include television editing, graphics and animation, colorimetry, music recording, film sound, acoustics, sound reinforcement, facility design and construction, facility management and operation, architecture and construction trades, tools and machining, and electronic hardware design and assembly.

I believe that my technical knowledge enhances my ability to function in a creative environment, while my artistic experience and aesthetic sensibilities add a valuable perspective to the design and application of systems for media production. I recognize quality work, both technically and artistically, and strive to produce quality work within the constraints of the project at hand. I also find that there is great value in truly understanding how technology functions.

I am a well-organized and detailed thinker, bringing passion to my work and personal activities through attention to detail and concern for integrity in conception and action. I try to balance a commitment to personal standards with the recognition that all situations have practical limits.

## Related Experience and Interests

Use of personal computers for applications including word processing, spreadsheet, database, A/V editing, presentation, web browser and internet functions. Practical knowledge of peripherals and hardware interfacing, IT and networking concepts and technologies.

Small business owner and operator since 1980. Familiarity with business procedures, accounting, promotion and client management.

Interests in music, visual arts, performing arts, architecture and interior design, industrial and commercial design, art and social criticism, language usage, literature, humor, philosophy.